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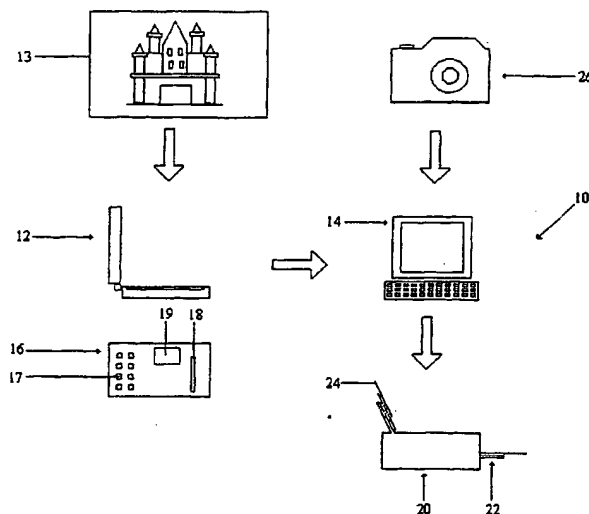
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(54) Title: DIGITAL VENDING APPARATUS



(57) Abstract: The invention provides a vending apparatus comprising scanning means for capturing digital images of scanned information, processing means that is connected to the scanning means for receiving digital images therefrom and for processing the digital images, the processing means having software for accessing the Internet and for enabling the transmission of electronic mail including one or more digital images captured by the scanning means, and control means for controlling the operation of the scanning means and the processing means, the control means including a vending unit having payment accepting means for accepting payment means for operating the vending apparatus. The vending apparatus may include a digital camera for capturing the digital images and/or reading means for reading a data storage device of a digital camera.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 49 759 A (J. HOFMANN) 4 May 2000 (2000-05-04) the whole document	1-6, 8-10, 14-16
A	WO 97 04353 A (G. CHUMBLEY) 6 February 1997 (1997-02-06) abstract; claims; figures	1,2,4, 8-12, 14-16
A	DE 298 22 012 U (P. SOLDNER) 1 April 1999 (1999-04-01) page 3, paragraph 4 -page 6, paragraph 1; claims -/-	1,2,4-6, 8,10-16

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	WO 00 58850 A (J. DODGE) 5 October 2000 (2000-10-05) abstract; claims; figures page 3, line 11 -page 4, line 15 ---	1-3,8,9, 11-16
A	EP 0 482 846 A (HALLMARK CARDS) 29 April 1992 (1992-04-29) ---	
A	US 5 587 740 A (J.M. BRENNAN) 24 December 1996 (1996-12-24) ---	
A	US 6 014 689 A (D.C. BUDGE) 11 January 2000 (2000-01-11) ---	
A,P	FR 2 787 959 A (F. BENSEMHOUN) 30 June 2000 (2000-06-30) ---	
A,P	FR 2 787 225 A (L. JACQUES) 16 June 2000 (2000-06-16) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19849759	A	04-05-2000	DE 19849759 A1	04-05-2000
WO 9704353	A	06-02-1997	WO 9704353 A1	06-02-1997
DE 29822012	U	01-04-1999	DE 29822012 U1	01-04-1999
WO 0058850	A	05-10-2000	US 6369908 B1	09-04-2002
			AU 4056100 A	16-10-2000
			WO 0058850 A1	05-10-2000
EP 0482846	A	29-04-1992	US 5561604 A	01-10-1996
			AU 641240 B2	16-09-1993
			AU 7597891 A	30-04-1992
			CA 2041298 A1	23-04-1992
			EP 0482846 A2	29-04-1992
			JP 5089361 A	09-04-1993
			NZ 238338 A	26-07-1994
			US 5559714 A	24-09-1996
			US 5546316 A	13-08-1996
US 5587740	A	24-12-1996	NONE	
US 6014689	A	11-01-2000	NONE	
FR 2787959	A	30-06-2000	FR 2787959 A1	30-06-2000
			AU 1785800 A	31-07-2000
			WO 0039999 A1	06-07-2000
FR 2787225	A	16-06-2000	FR 2787225 A1	16-06-2000